

# PATENT ABSTRACTS OF JAPAN

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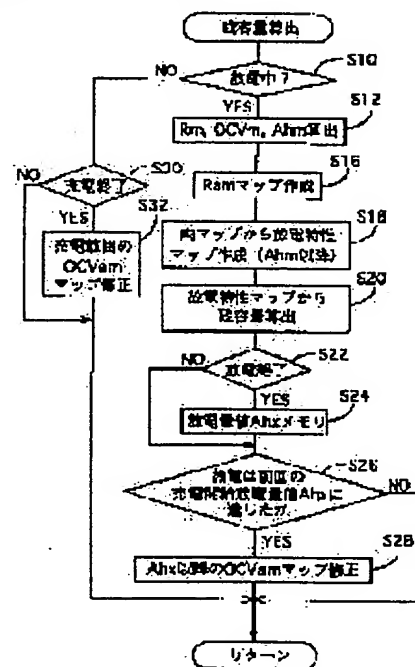
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## (54) APPARATUS FOR CALCULATING REMAINING CAPACITY OF CELL

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an apparatus for calculating the remaining capacity of a cell with few calculation errors.

**SOLUTION:** A discharge characteristic map showing the relation between the discharge voltage in a reference discharge power value and the discharge quantity is formed (S26) from open voltage characteristics and internal resistance characteristics, and the discharge characteristic map is integrated to obtain (S28) the remaining capacity. Thus the remaining capacity drop due to memory effects and the remaining capacity drop due to the cell deterioration can be separated to obtain the remaining capacity, and hence the remaining capacity of the cell can be estimated accurately.



## LEGAL STATUS

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